

Amendments to the Claims

Listing of Claims:

Claims 1-11 (canceled).

Claim 12 (new). A device of a energetically self-sufficient transponder,
comprising:

a converter for converting ambient energy into an alternating quantity and into
energy for modulation of a reflector configured to be modulated via the
alternating quantity.

Claim 13 (new). The device according to claim 12, wherein said reflector is a
reflector for an electromagnetic signal.

Claim 14 (new). The device according to claim 13, wherein said reflector is a
reflector for a high-frequency signal.

Claim 15 (new). The device according to claim 12, which further comprises an
antenna connected to said converter.

Claim 16 (new). The device according to claim 12, wherein the device is
configured as a backscatter transponder.

Claim 17 (new). The device according to claim 12, wherein the device is configured to measure a measured quantity.

Claim 18 (new). The device according to claim 17, wherein said converter is configured to convert the ambient energy into the alternating quantity in dependence on the measured quantity.

Claim 19 (new). The device according to claim 18, which further comprises means for influencing the alternating quantity as a function of the measured quantity.

Claim 20 (new). The device according to claim 17, which further comprises means for influencing the alternating quantity as a function of the measured quantity.

Claim 21 (new). The device according to claim 12, which comprises means for generating a first alternating quantity and a second alternating quantity.

Claim 22 (new). The device according to claim 21, wherein the first alternating quantity and the second alternating quantity are derived alternating quantities, generated by splitting an original alternating quantity into the first alternating quantity and the second alternating quantity, and wherein, subsequent to splitting, the first alternating quantity and the second alternating quantity are separately and differently influencable by a measured quantity.

Claim 23 (new). The device according to claim 21, wherein said converter is a first converter for generating a first alternating quantity, and which further comprises a second converter for generating the second alternating quantity.

Claim 24 (new). A method, which comprises:

converting, with an energetically self-sufficient transponder having a converter, ambient energy into an alternating quantity and into energy for modulation of a reflector; and

modulating the reflector via the alternating quantity.